

# Plowing



# Tilling





# Topsoil



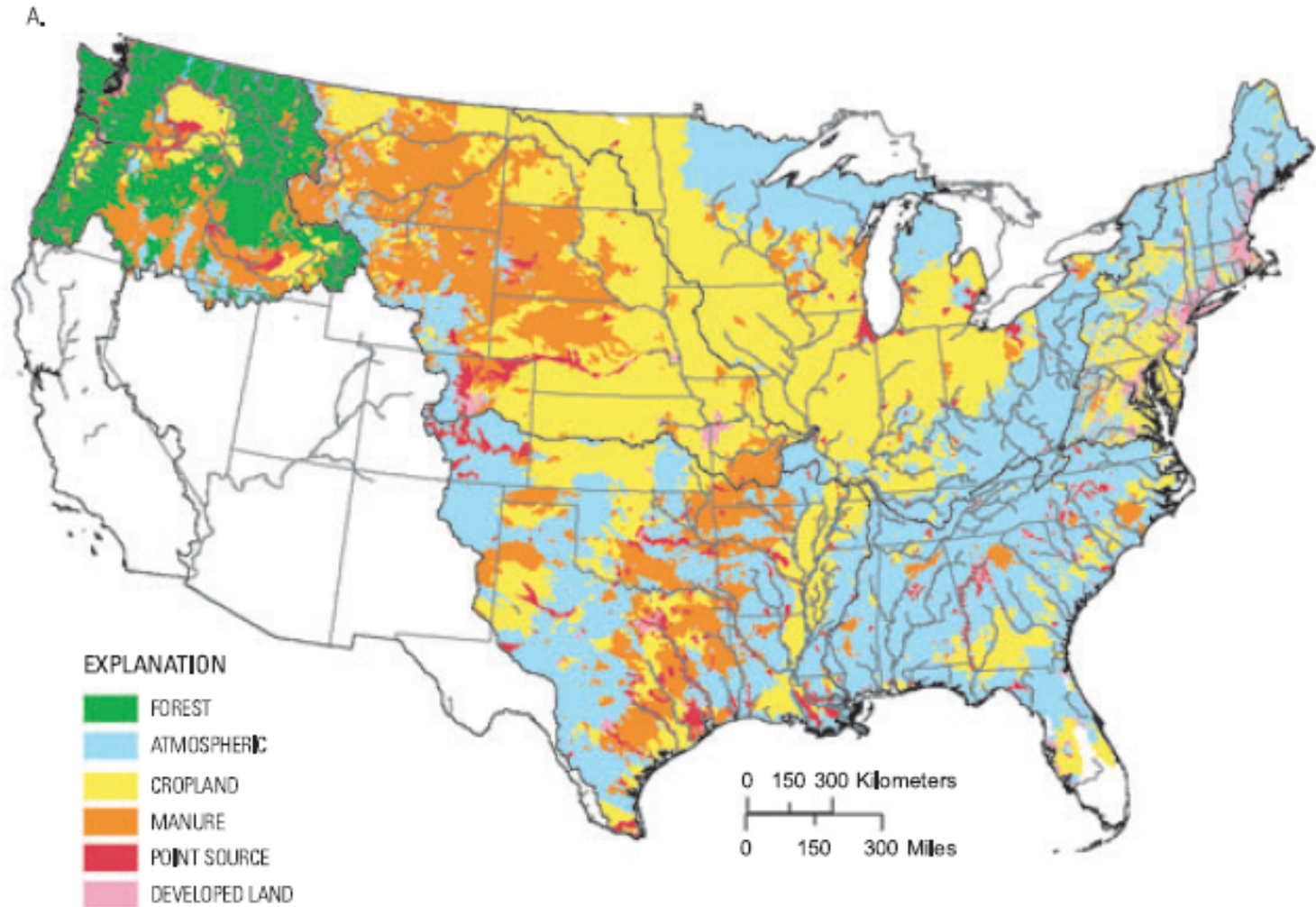


# Fertilizer





# Largest Sources of Nitrogen to Streams



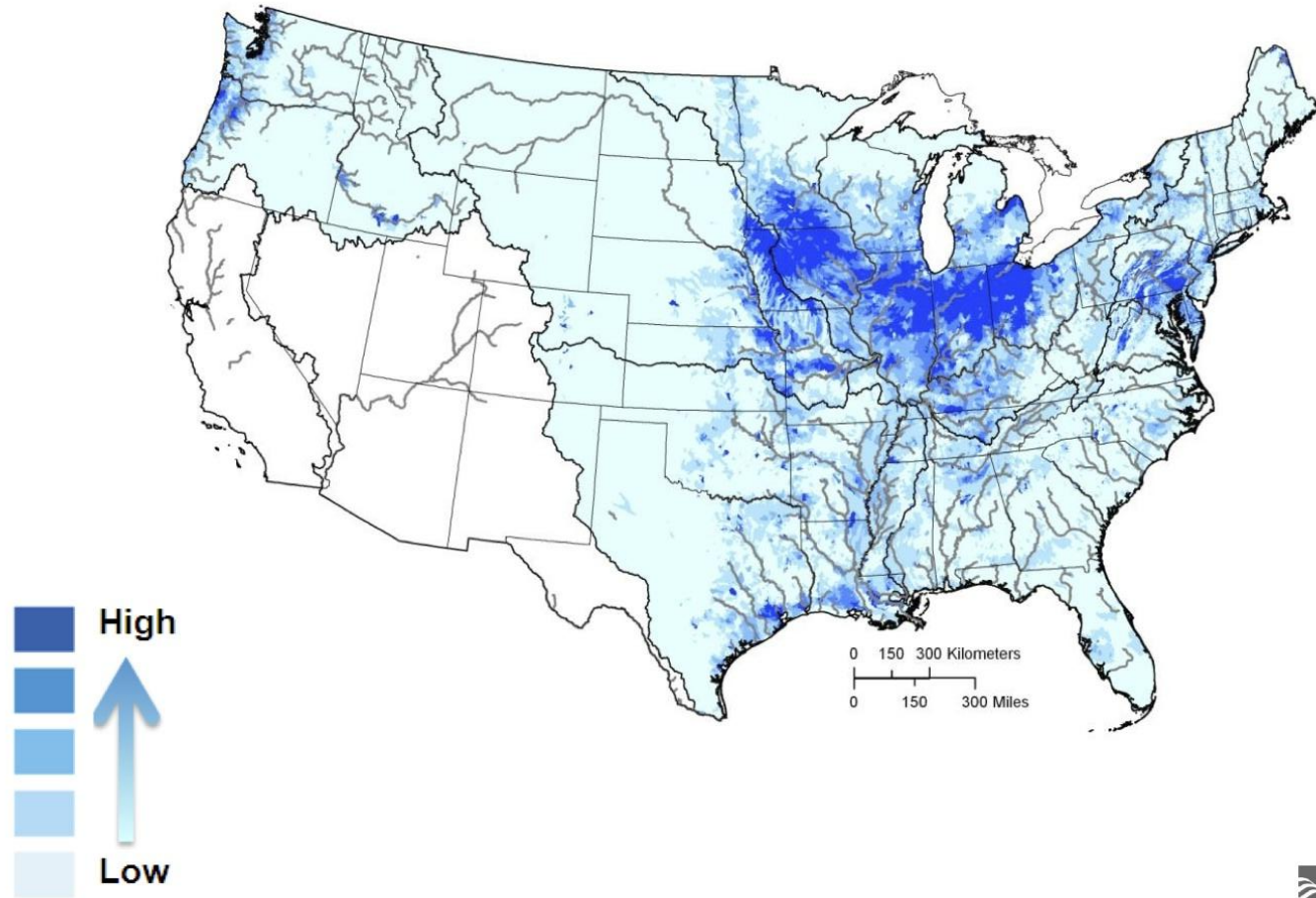
Credit: U.S. Geological Survey

Department of the Interior/USGS

Preston, S.D., Alexander, R.B., and Woodside, M.D., 2011, Regional assessments of the Nation's water quality—Improved understanding of stream nutrient sources through enhanced modeling capabilities, 6 p., available at <http://pubs.usgs.gov/fs/2011/3114/>.



# Total Nitrogen Yields



Credit: U.S. Geological Survey

Department of the Interior/USGS

Preston, S.D., Alexander, R.B., and Woodside, M.D., 2011, Regional assessments of the Nation's water quality—Improved understanding of stream nutrient sources through enhanced modeling capabilities, 6 p., available at <http://pubs.usgs.gov/fs/2011/3114/>.



# Algae Bloom



**Gulf of Saint Lawrence**

Image: NASA



# Formation of Aquatic Dead Zones

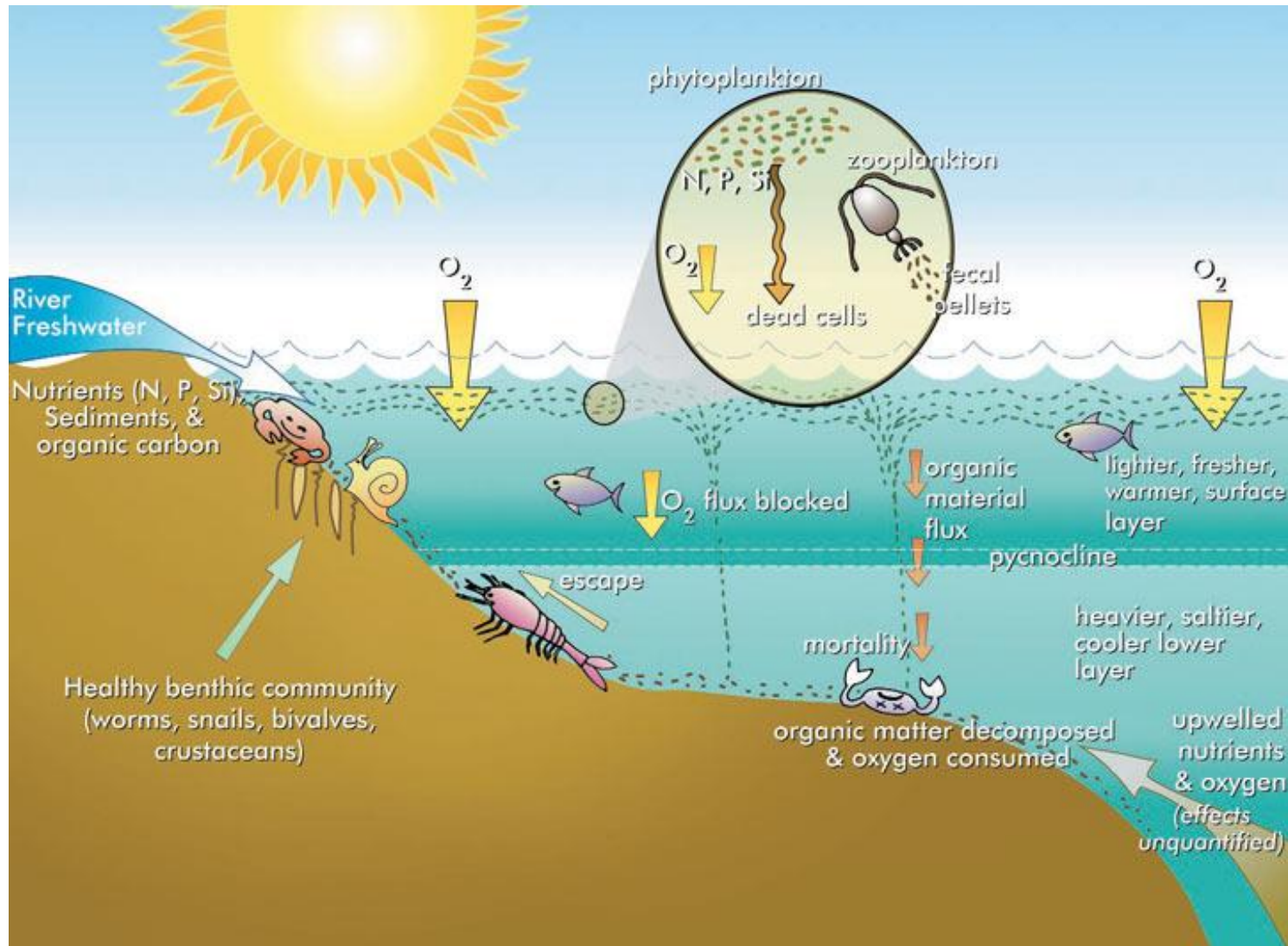


Image: U.S. EPA

<http://water.epa.gov/type/watersheds/named/msbasin/hypoxia101.cfm>